

Valve Callout

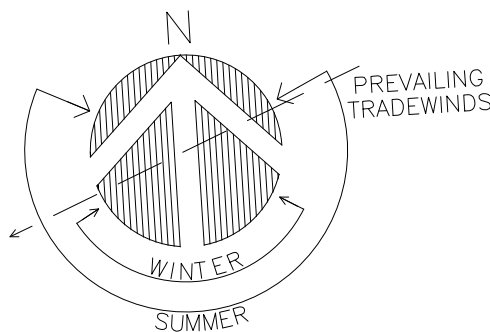
Valve Number



Valve Flow

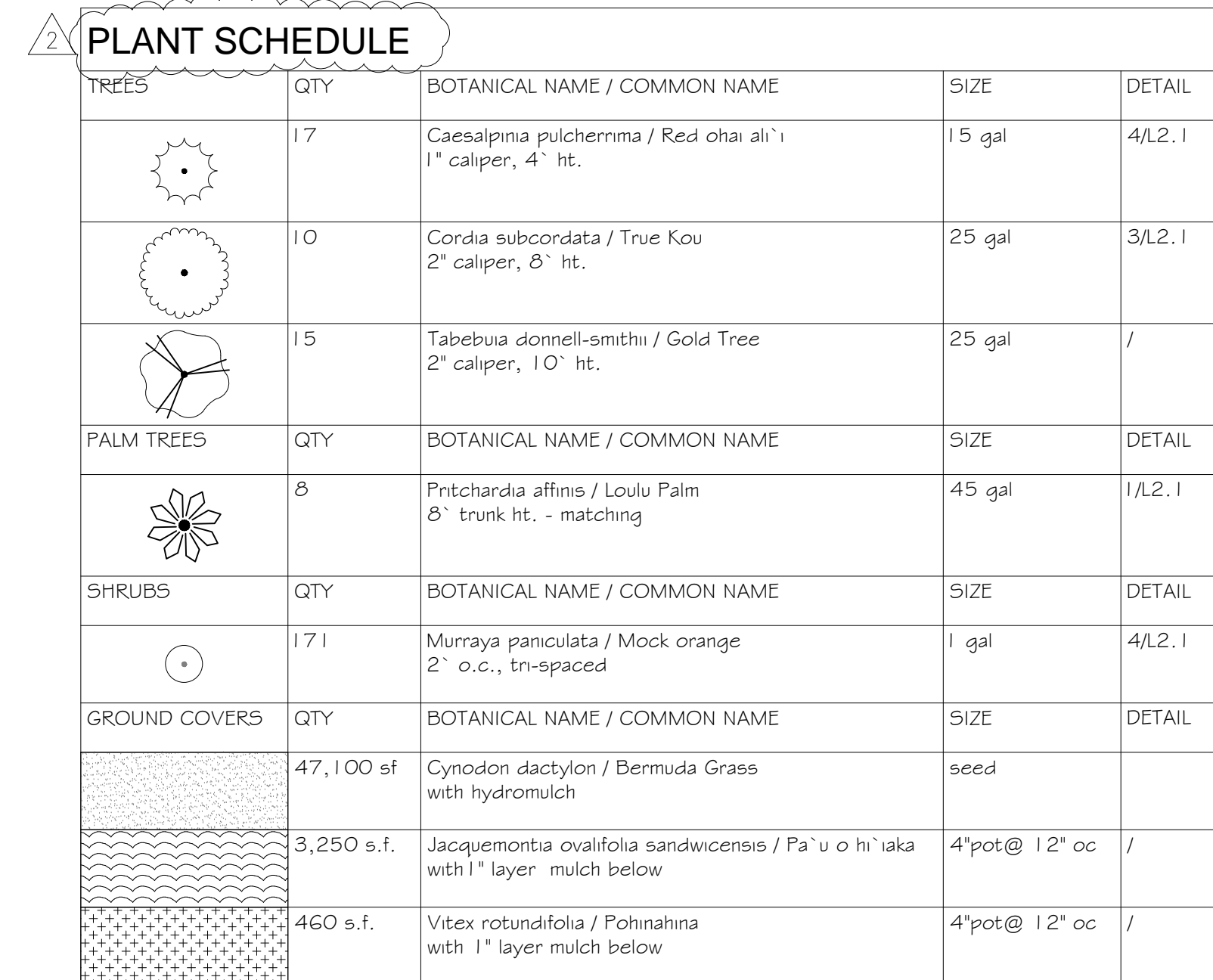
Valve Size

0 10 20 30 feet

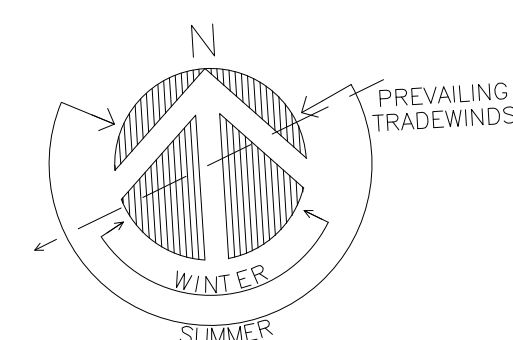
SCALE: 1" = 10'

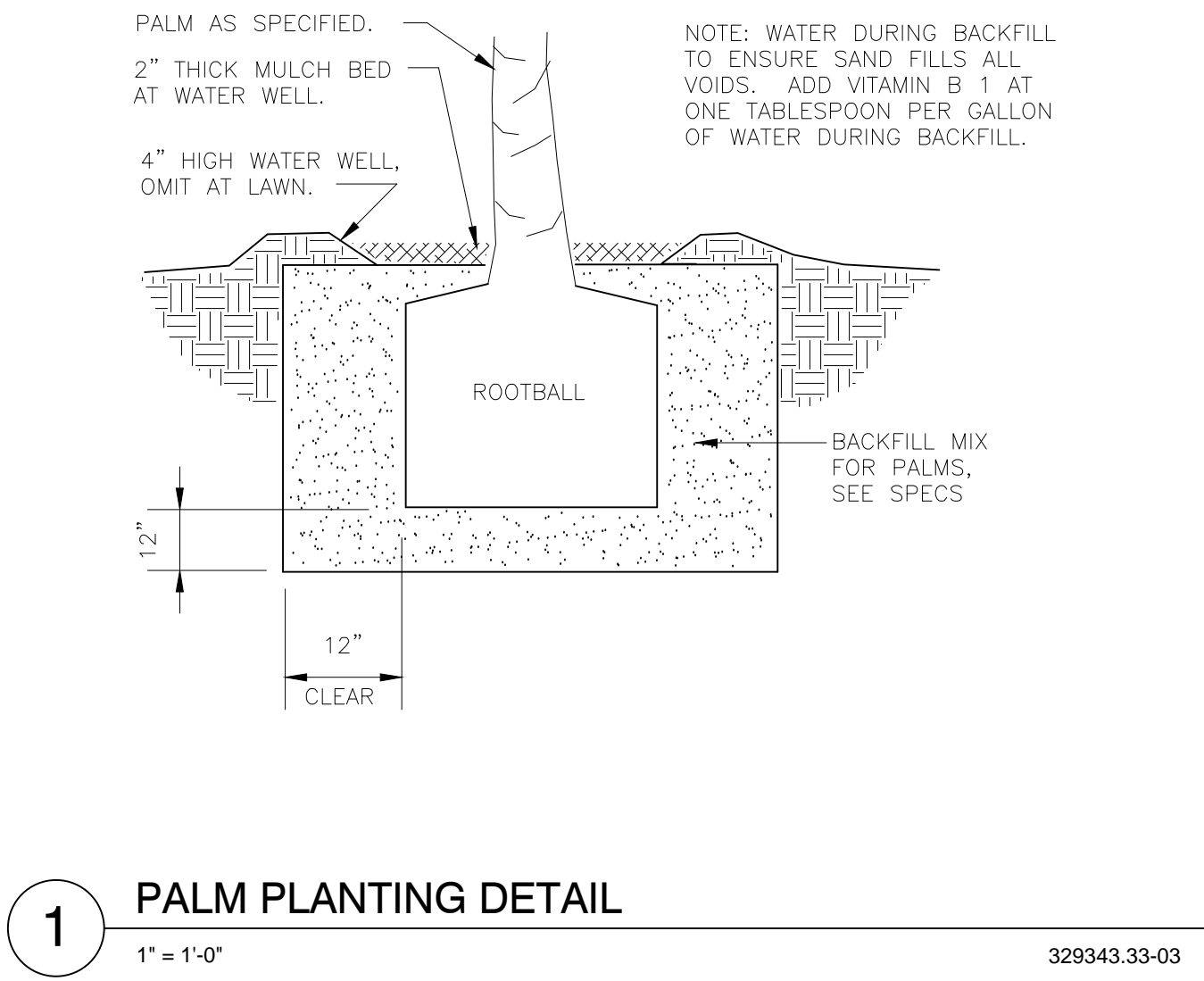


		5/9/12		Addendum 2			
REVISION		DATE		DESCRIPTION		MADE BY / APPROVED	
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">  </div> <div style="width: 80%; text-align: center;"> <p>COUNTY OF HAWAII DEPARTMENT OF PUBLIC WORKS, BUILDING DIVISION</p> <p>NEW KA'U DISTRICT GYMNASIUM & SHELTER AT KA'U AND PAHALA ELEMENTARY SCHOOL CAMPUS</p> <p>JOB NO. B-4108</p> <p>PA'AU'AU AHUPUA'A, DISTRICT, HAWAII'I ISLAND AND COUNTY OF HAWAII 96-2150 PIKAKE STREET, PAHALA, HAWAII 96777 TMK: (3) 9-6-05 .08 & 39</p> </div> </div>							
<p>IRRIGATION PLAN PLAN</p>							
<p>REVIEWED:</p> <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION</p> <p>Expires 4/30/14</p>						<p>DESIGN BY: JWO</p> <p>DRAWN BY: JWO</p> <p>CHECKED BY: JWO</p> <p>SHEET NO.</p> <p>L1.1</p>	
<p>DIVISION CHIEF BUILDING DIVISION DEPARTMENT OF PUBLIC WORKS</p>						<p>DATE</p> <p>2012 APRIL 05</p>	
						<p>179 OF 190 SHTS</p>	

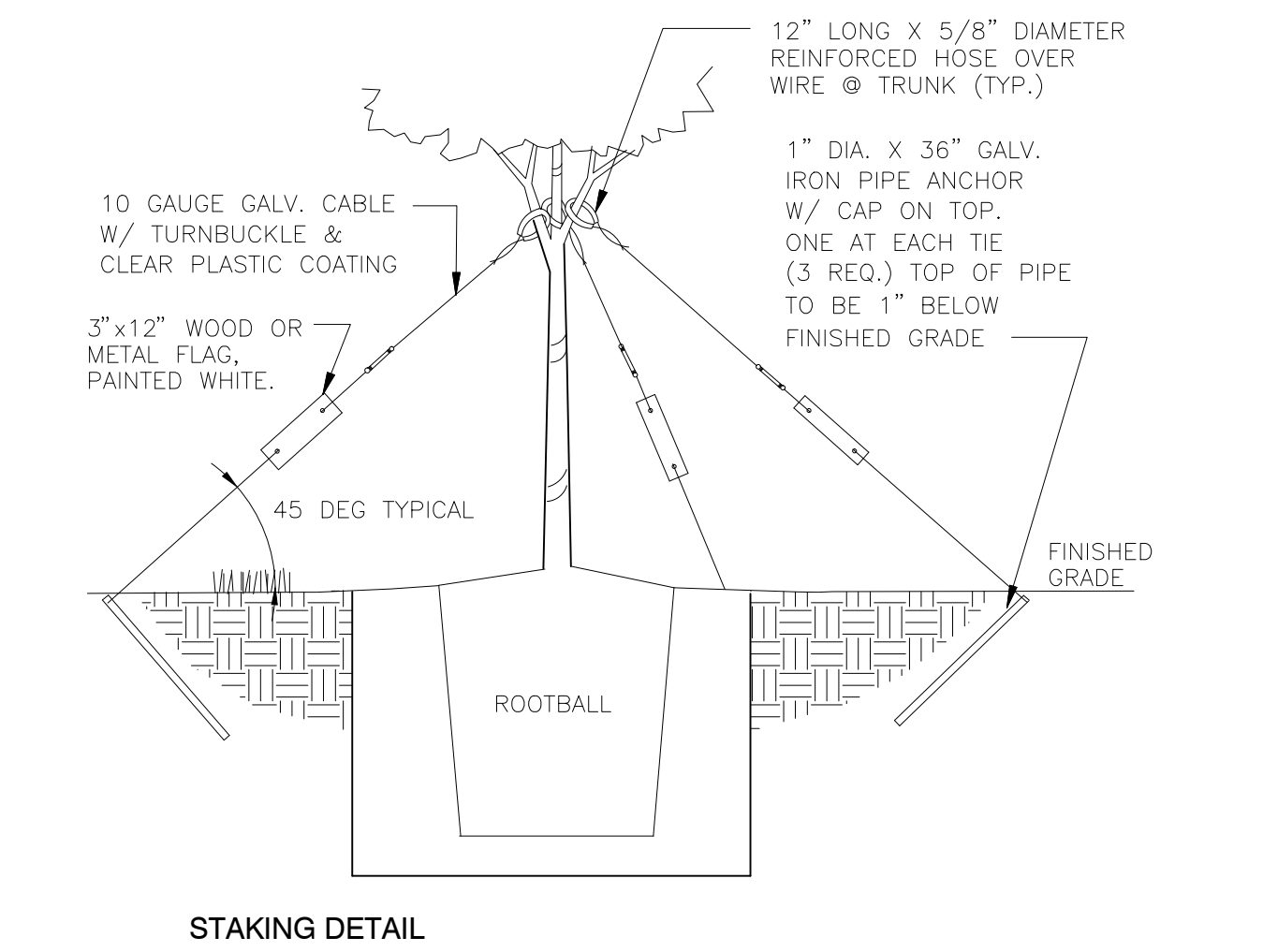


1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING TREES WITHIN THE VICINITY OF THE WORK. NO MATERIAL SHALL BE STOCKPILED NOR EQUIPMENT PARKED, STORED, OR PERMITTED TO OPERATE WITHIN THE DRIPLINE AREA.
2. DRIVING VEHICLES OVER TREE ROOTS IS NOT PERMITTED.
3. TRENCHING AND EXCAVATION PROCEDURES NEAR AND AROUND EXISTING TREES SHALL BE BY HAND DIGGING AND/OR THE USE OF AIR SPADES.
4. ALL SEVERED ROOTS IRRESPECTIVE OF SIZE SHALL BE CUT CLEAN WITH THE USE OF A SHARP HANDSAW, LOPPER, AXE AND/OR CHAINSAW. A CLEAN CUT ALLOWS SEVERED ROOTS TO ABSORB NUTRIENTS AND WATER AND FACILITATES ROOT GENERATION AND COMPARTMENTALIZATION.
5. OVERNIGHT EQUIPMENT SHALL MAINTAIN A SAFE DISTANCE FROM THE DRIP LINE TO PREVENT ACCIDENTAL DAMAGE TO THE CROWN OF THE TREES.
6. ANY ACCIDENTAL DAMAGE DONE TO THE TREES SHALL BE REPORTED IMMEDIATELY TO THE CONTRACTING OFFICER SO THAT APPROPRIATE MITIGATION WORK CAN BE DONE IN A TIMELY MANNER.
7. NO MATERIALS, EQUIPMENT, SPOIL, WASTE, OR WASHOUT WATER SHALL BE DEPOSITED, STORED, OR PARKED WITHIN THE TREE PROTECTION ZONE. ACCIDENTAL SPILLS (MOTOR OIL, GASOLINE, HYDRAULIC OIL, ETC.) SHALL BE IMMEDIATELY REPORTED TO THE CONTRACTING OFFICER AND CLEANED AS SOON AS POSSIBLE, MAKING SURE ALL CONTAMINATED SOIL IS REMOVED. REPLACEMENT SOIL SHALL BE OF SIMILAR QUALITY (TEXTURE AND STRUCTURE) TO THE NATIVE SOIL.
8. ANY DRASTIC CHANGE IN THE CONDITION OF THE TREE, SUCH AS WILTING AND EXCESSIVE LEAF DROP SHALL BE REPORTED IMMEDIATELY TO THE CONTRACTING OFFICER.

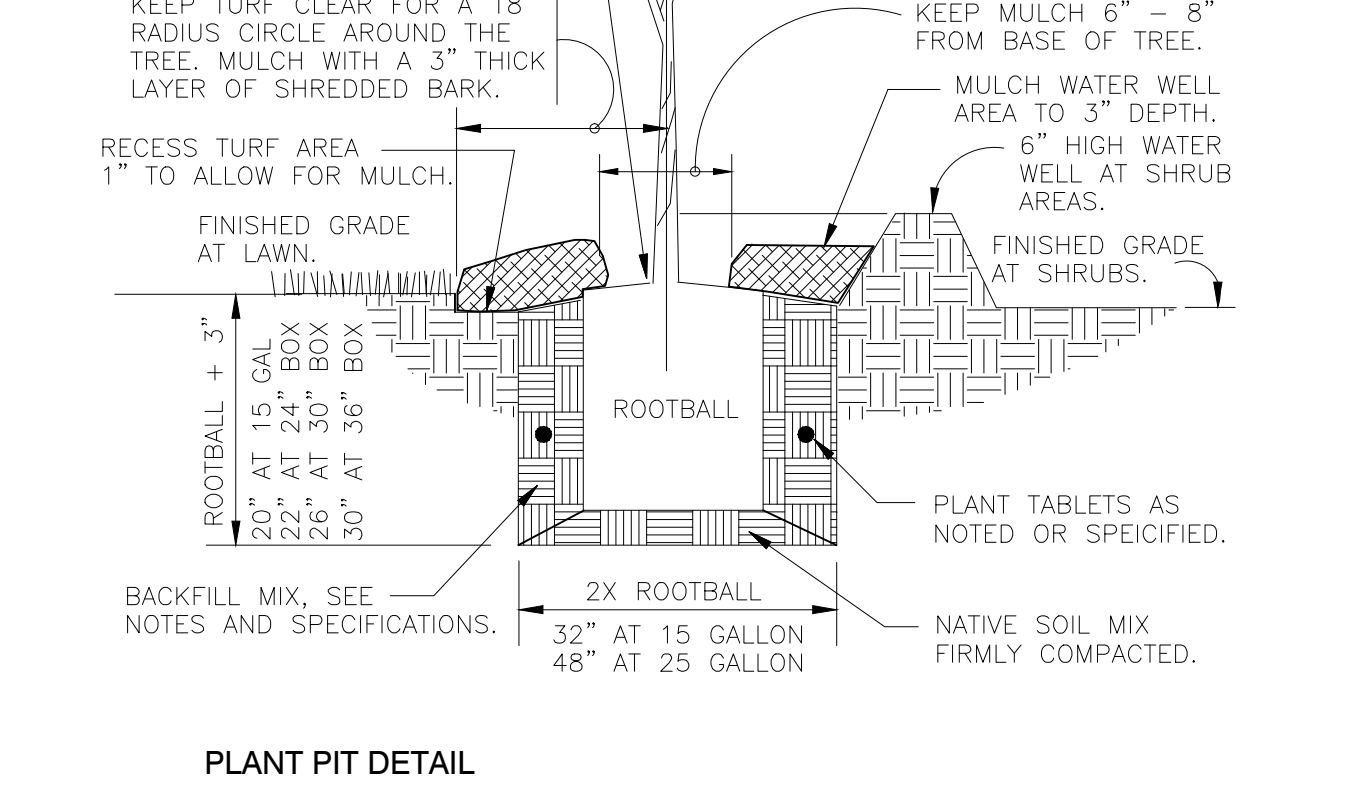
[illegible]



1 PALM PLANTING DETAIL
1" = 1'-0" 329343.33-03



2 TREE GUY WIRE PLANTING - 25 GAL. AND UP
1" = 1'-0" 329343.26-03



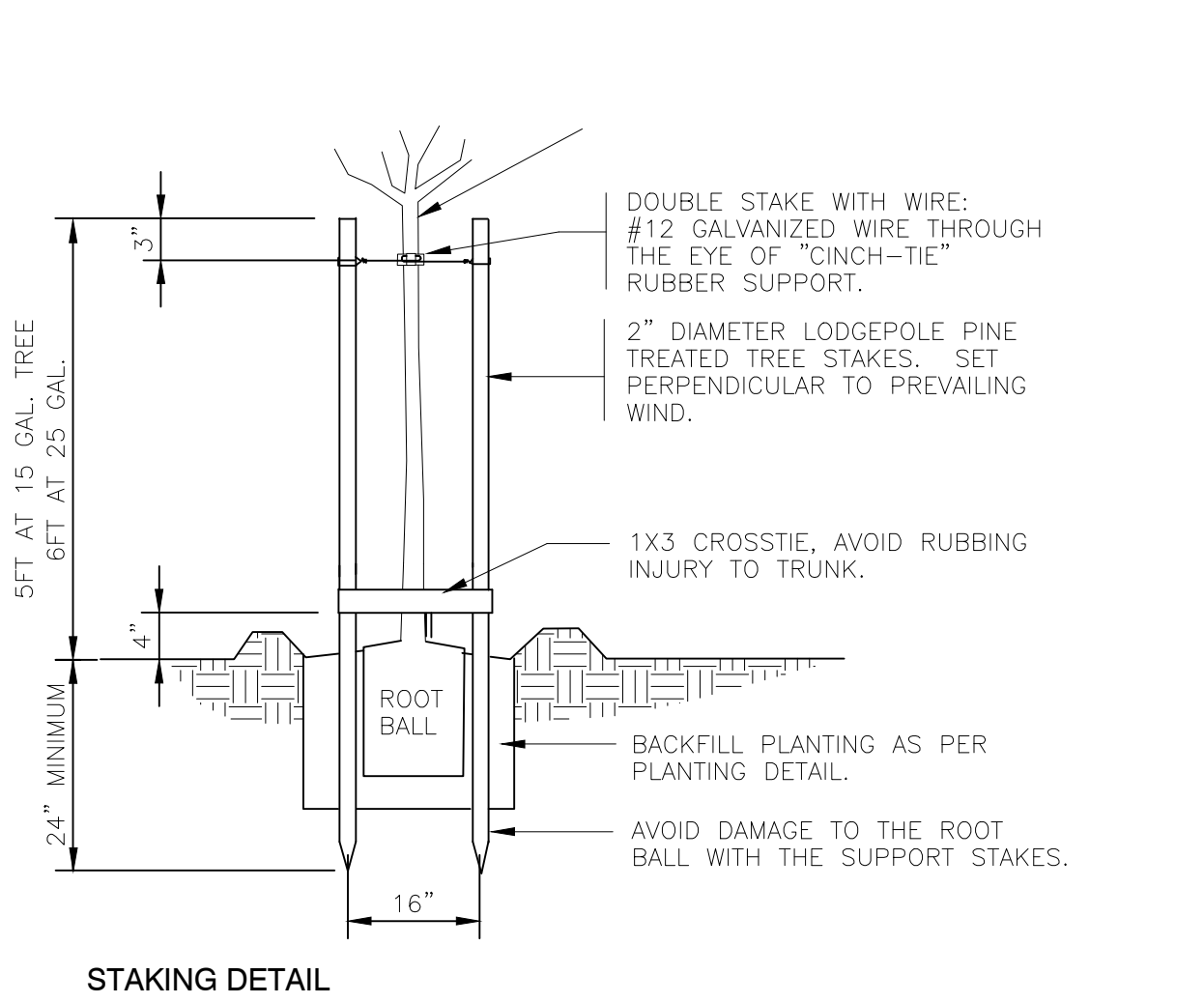
3 SHRUB PLANTING
1" = 1'-0" 329333.13-01



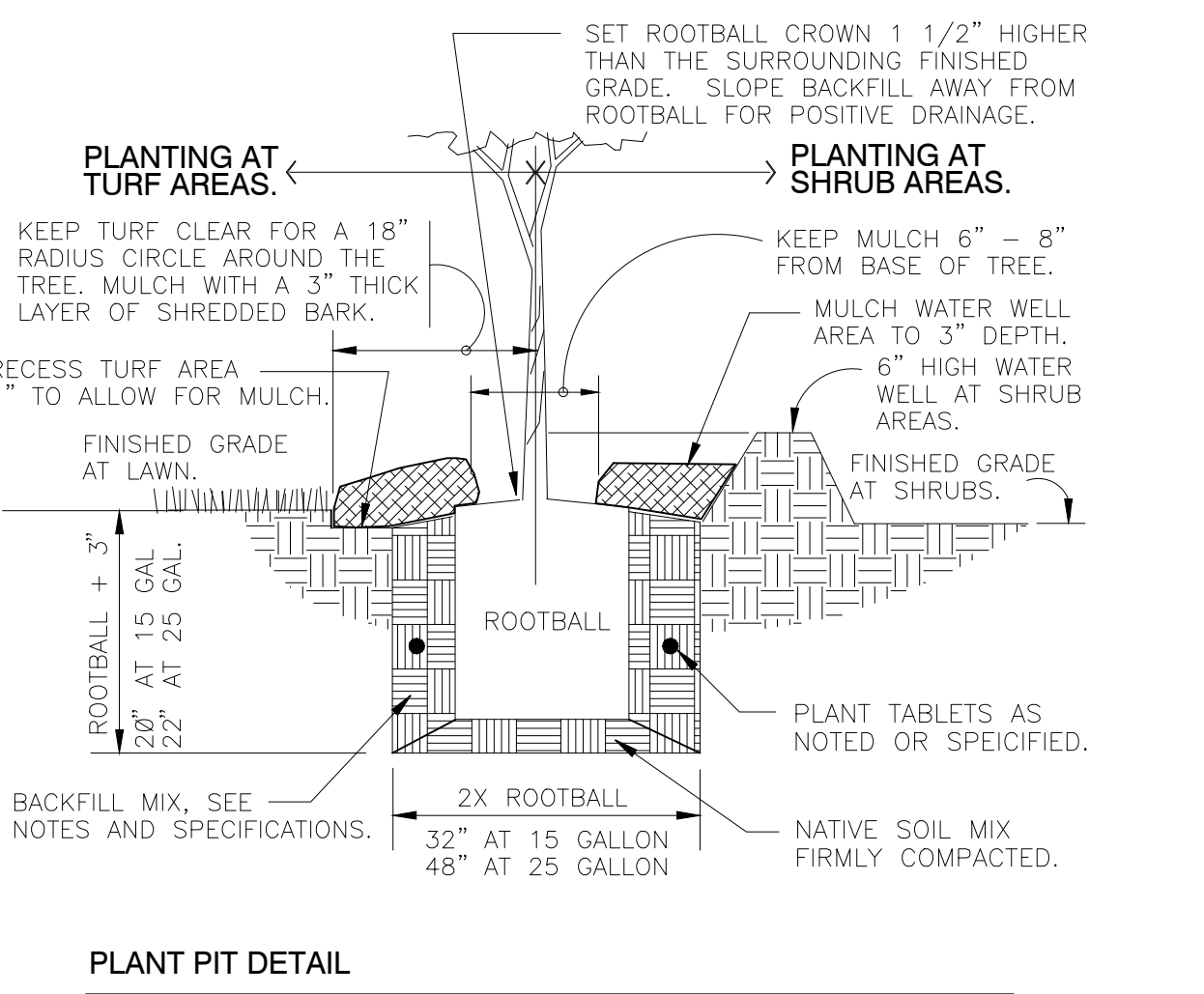
4 TREE PLANTING DOUBLE STAKE - 15 GAL. TREE
1" = 1'-0" 329343.19-03



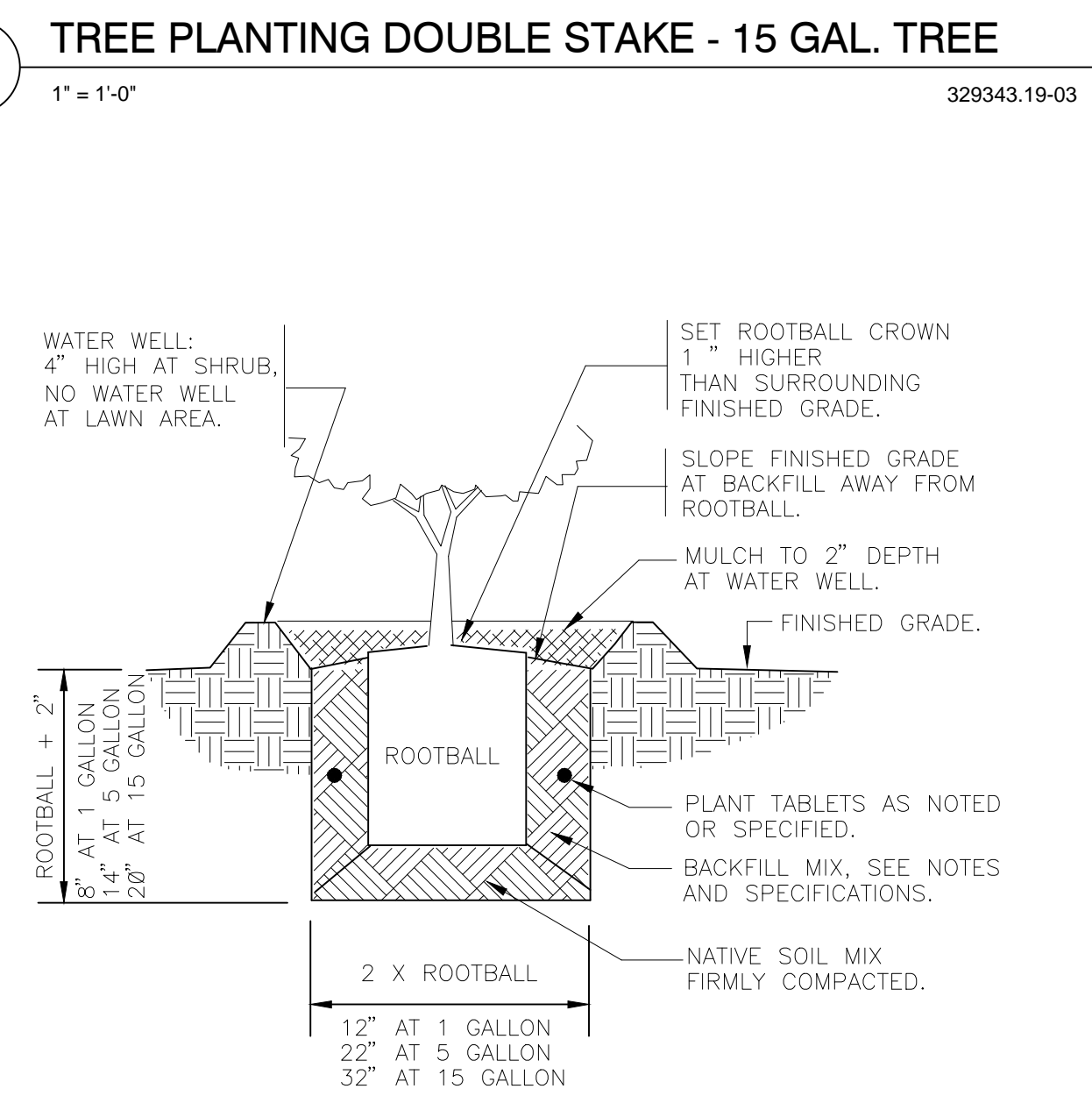
5 GROUND COVER PLANTING DETAIL
NOT TO SCALE



6 CONCRETE BRICK HEADER DETAIL
NOT TO SCALE



7 OPEN-BOTTOM PLANTER
NOT TO SCALE



8 ROOT CONTROL BARRIER DETAIL
NOT TO SCALE

LANDSCAPE NOTES:

- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITY LINES PRIOR TO CONSTRUCTION OPERATIONS. ANY UTILITY LINES DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO VERIFY EXACT LOCATIONS OF ALL TREES AND SHRUBS WITH THE CONTRACTING OFFICER PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
- FOR BUILDING LAYOUT SEE ARCHITECTURAL DRAWINGS.
- THE PLANT LIST QUANTITIES ARE APPROXIMATE AND SHOULD SERVE ONLY AS A GUIDELINE FOR THE CONTRACTOR. ALL WORK INDICATED ON THE DRAWINGS BY NOTES SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY MENTIONED IN THE PLANT LIST. PLANTS AND GROUND COVERS SHALL BE FURNISHED IN QUANTITIES AS REQUIRED TO COVER THE AREAS INDICATED ON THE PLANS AT THE SPACE NOTED. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES BEFORE BIDDING.
- FOR FINAL GRADING SEE CIVIL DRAWINGS.
- ALL INDICATED ITEMS ARE NEW UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND OTHER SITE IMPROVEMENTS. ANY DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE CONTRACTING OFFICER AT NO ADDITIONAL COST TO THE STATE.
- LOCATIONS OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING NEAR UTILITIES. ANY AND ALL DAMAGES SHALL BE IMMEDIATELY REPAIRED AND/OR RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR AT HIS COST. UTILITIES SHALL INCLUDE BUT NOT BE LIMITED TO ELECTRICAL, TELEPHONE, SEWER, WATER, AND IRRIGATION SYSTEMS, ETC.
- THE CONTRACTOR SHALL NOT STORE OR PARK EQUIPMENT, VEHICLES AND/OR MATERIALS UNDER THE EXISTING TREES. DRIVING VEHICLES OVER TREE ROOTS IS NOT PERMITTED.
- THE CONTRACTOR SHALL VISIT THE SITE, VERIFY ALL EXISTING DIMENSIONS, AS-BUILT CONDITIONS, STRUCTURES, SITE IMPROVEMENTS, ETC., PRIOR TO BIDDING.
- FOR ALL DEPRESSIONS, LOW SPOTS, UPROOTED AREAS AND PROBLEM SPOTS AS DETERMINED BY THE CONTRACTING OFFICER, THE CONTRACTOR SHALL RESTORE ALL AFFECTED AREAS ACCEPTABLE TO THE CONTRACTING OFFICER.
- ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE CONTRACTING OFFICER PRIOR TO DELIVERY AND BEING PLANTED AT THE JOB SITE.
- MAINTENANCE OF NEW PLANTING SHALL BE FOR A MINIMUM OF 90 CALENDAR DAYS AFTER WRITTEN ACCEPTANCE OF COMPLETION OF LANDSCAPING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PLAN AND APPLY BEST MANAGEMENT PRACTICES(BMP) AS REQUIRED BY HIS OPERATIONS TO COMPLY WITH APPLICABLE LAWS, STANDARDS, RULES AND OR POLICIES OF THE CITY, STATE, FEDERAL REGULATORY AGENCIES. UPON ACCEPTANCE OF THE PROJECT BY THE STATE, THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL BEST MANAGEMENT PRACTICES AND TO RESTORE THE PROJECT SITE TO ITS ORIGINAL CONDITIONS OR BETTER.

REVISION	5/9/12	DATE	Addendum 2	DESCRIPTION	MADE BY	APPROVED
<div><div></div><div><p>COUNTY OF HAWAII DEPARTMENT OF PUBLIC WORKS, BUILDING DIVISION</p><p>NEW KA'U DISTRICT GYMNASIUM & SHELTER AT KA'U AND PAHALA ELEMENTARY SCHOOL CAMPUS JOB NO. B-4108</p><p>PA'AU AU AHUPU'AA, DISTRICT, HAWAII ISLAND AND COUNTY OF HAWAII 96-2150 PIKAKE STREET, PAHALA, HAWAII 96777 TMK: (3) 9-6-05: 08 & 39</p></div></div> <div><p>PLANTING DETAILS AND NOTES</p><p>REVIEWED:</p><p>DESIGN BY: JWO DRAWN BY: JWO CHECKED BY: JWO</p><p>SHEET NO. L2.2</p><p>DIVISION CHIEF BUILDING DIVISION DEPARTMENT OF PUBLIC WORKS</p><p>DATE 2012 APRIL 05</p><p>182 OF 190 SHTS</p></div>						